

TC Number: A246-02

Tetra Tech, Inc.

4213 State Street, Suite 100 Santa Barbara, CA 93110-2847 VOICE (805) 681-3100 FAX (805) 681-3108 Project: Vandenberg Air Force Base IRP

Log of Well No. 31-MW-9

Location: Approximately 220 feet northeast of Building 1892.

	1072.
Date Started: 11/17/00 Completed: 11/17/00	4" PVC Blank Casing: from 0 ft bgs to 5.7 ft bg
Logged By: J. Harting Checked By: J. Harting, P.E.	0.01" Screening Casing: from 5.7 ft bgs to 15.7 ft bg
Drilled By: Tim Blakeboro, S/G Testing P.E. # 58000	Concrete: from 0 ft bgs to 2.0 ft bg
Drilling Equipment: CME 75, 10-inch HSA	Bentonite Transitional Seal: from 2.0 ft bgs to 3.5 ft bg.
Sampling Equipment: 2-inch I.D. Split Spoon	2/12 Sand Filter Pack: from 3.5 ft bgs to 17.0 ft bgs
GS Elev.: 169.8 ft above MSL TD: 17 ft bgs	TOC Elev.: 172.25 ft above MSL
MATERIAL DESCRIPTION	Material Symbol Type Counts Sample ShiD (ppm) Amb/Smp PID (ppm) Amb/Smp Amb/Sm
silty sand, dark brown (10YR 3/3), fine grained, poorly graded, rounded, very moist, loose, alluvium.	2 30 0.0/ 0850 Start drilling. 3 2.5 0855 Collect sample V31MW9-0 for lab-
silty sand, dark yellowish brown (10YR 4/4), fine grained, poorly graded, rounded, very moist, loose, few clay, medium and coarse grained sand, angular fine gravel, alluvium.	oratory analyses. 2 40 0.0/ 0900 Collect sample 4 4.2 V31MW9-2 for laboratory analyses.
sand, dark yellowish brown (10YR 3/4), fine grained, poorly graded, rounded, very moist, loose, few silt, alluvium.	Groundwater encountered at 0.5 ft bgs.
silty sand, very dark brown (10YR 2/2), fine grained, poorly graded, rounded, wet, loose, alluvium.	1 2 4 100 0.0/ 0910 Collect sample V31MW9-5 for laboratory analyses.
increase in clay content - borderline SM-SC.	
greenish gray (10Y 5/1), dense, some clay. grades from SM to SC at 10 feet.	7 17 100 0.0/ 0945 Collect sample V31MW9-10 for laboratory analyses.
clayey sand, greenish gray (10Y 5/1), fine grained, poorly graded, rounded, wet, some clay, alluvium.	SC
clay, greenish gray (10Y 5/1), wet, decomposed shale.	CL CL
shale, dark greenish gray (10Y 4/1), slightly moist, very dense, Sisquoc Formation.	SH 9 20 33 100 End drilling at 1000. Total depth at 17.0 feet below ground surface. 1010 Begin to set well. bgs Groundwater depth after well development on: 12/4/00
	1010 Begin to set well.
0	
	bgs \subseteq Groundwater depth after well development on: $12/4/00$
0.5 ft bgs Groundwater depth during drilling 14.57 ft bgs Groundwater depth after well development on: 12/4/00	

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